



MTR2000 MOTOTRBO™ Upgrade Quick Reference Guide

ATTENTION!

Document the current code plug settings of the MTR2000 before initiating the upgrade operation. These settings need to be manually entered into the MTR3000 CPS.

■ Upgrading the MTR2000 to MTR3000

The upgrade kit includes

- Exciter
- Receiver
- Station Control Module
- Front Bezel
- TORX Screws (not shown)
- MTR3000 FCC upgrade label (not shown)

Additional Items needed (not shown and not included):

- TORX T20 Screw Driver
- Type A to Type B USB cable (CLN8665)
- Computer installed with Customer Programming Software (CPS) (RVN5115)
- Optional: Ethernet cable for IP Site Connect and Capacity Plus (XA00032AA)



Picture 1: Items packaged in the upgrade kit.



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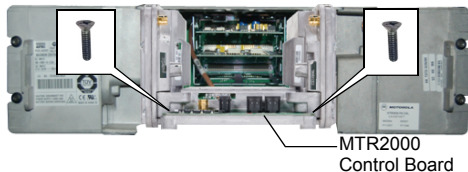
Procedure:

- 1 Remove the MTR2000 front bezel.



- 2 Disconnect the Receiver and Exciter BNC connections.

- 3 Remove the two TORX screws which hold the Station Control Board, Exciter and Receiver in place.



- 4 Remove the Station Control Board, Exciter and Receiver from the MTR2000 station.

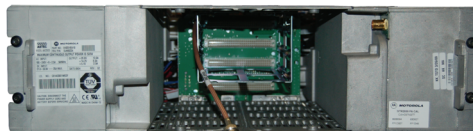
- 5 Remove the Wireline and/or AUX I/O Cards, if present.

- 6 Use the eight provided TORX screws to assemble the MOTOTRBO Exciter, Receiver and Control Board.



- 7 If applicable, connect the Ethernet cable to the station control module by either
 - routing it along side the option card chassis to the back of the station,**OR**
 - routing it through the front of the station on either side of the bezel edge.

- 8 Insert this assembled MOTOTRBO module into the chassis of MTR2000.



MTR2000 Chassis

- 9 Secure the MOTOTRBO module with the two TORX screws.



- 10 Reconnect the Receiver and Exciter BNC connections.

- 11 Snap the new MTR3000 front bezel into place.



USB port

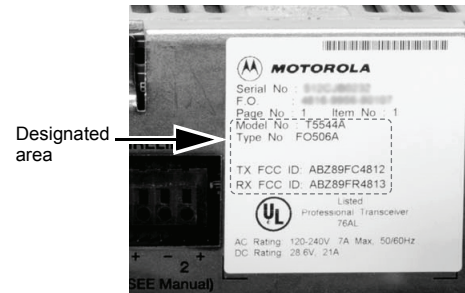
- 12 Use the USB cable to connect the CPS computer to the station.

- 13 Align the station with the Tuner Application.

- 14 Configure and write the original MTR2000 codeplug parameters into the station to unlock the station for operation.

- 15 Affix the provided MTR3000 FCC upgrade label to area noted in the picture below.

Note: The label must not cover the serial number of MTR2000 station.



Note: The Tuner Application can be found in the CPS CD.

Note: Refer to Basic Service Manual (X347) for detailed instructions.